



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/032,724	12/27/2001	Robert T. Moton	20009.0156US01 (010411)	6359
45695	7590	09/27/2005	EXAMINER	
WITHERS & KEYS FOR BELL SOUTH P. O. BOX 71355 MARIETTA, GA 30007-1355			HAROLD, JEFFEREY F	
		ART UNIT		PAPER NUMBER
		2646		

DATE MAILED: 09/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/032,724	MOTON ET AL.	
	Examiner	Art Unit	
	Jefferey F. Harold	2646	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 29 August 2005.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-25,32 and 39-45 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-25,32 and 39-45 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Allowable Subject Matter

1. The indicated allowability of the claims is withdrawn in view of the newly discovered reference(s) to Clapper (United States Patent 6,154,531). Rejections based on the newly cited reference(s) follow.

Information Disclosure Statement

2. The references listed in the Information Disclosure Statement submitted on August 29, 2005 have been considered by the examiner (see attached PTO-1449).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

3. **Claims 1-25, 32 and 39-45** are rejected under 35 U.S.C. 103(a) as being unpatentable over Knuth in view of Clapper (United States Patent 6,154,531).

Regarding **claim 1**, Knuth discloses a cordless telephone with voice announced calling party identification. In addition, Knuth discloses a system for audibly annunciating at a telephone, caller identification information transmitted over a network, the information being transmitted in the form of a modulated signal to the device wherein the modulated signal is representative of the information, the apparatus

comprising: a receiver for capturing a ring signal and a modulated signal representative of the caller identification information transmitted over a network, the modulated signal comprising a stream of characters representative of the caller identification information; a converter in communication with the receiver for converting the modulated signal into a stream of audible signals, wherein the converter processes the stream of characters in real-time as the characters are received from the network; and a speaker in communication with the converter for producing audible sounds corresponding to the stream of audible signals representative of the information received over the network, as disclosed at column 4, lines 6-65 and exhibited in figures 1 and 2, however, Knuth fails to disclose a display to visually display the stream of characters in real time and concurrently with the audible signals being enunciated; one or more matching networks to reroute and forward the audible signals from the apparatus to a speaker in an alternative communication device. However, the examiner maintains that it was well known in the art to provide a display to visually display the stream of characters in real time and concurrently with the audible signals being enunciated; one or more matching networks to reroute and forward the audible signals from the apparatus to a speaker in an alternative communication device, as taught by Clapper.

In a similar field of endeavor Clapper discloses a telephone caller identification system. In addition, Clapper discloses a display to visually display the stream of characters in real time and concurrently with the audible signals being enunciated; one or more matching networks to reroute and forward the audible signals from the

apparatus to a speaker in an alternative communication device, as disclosed at column3, lines 21-50 and exhibited in figure 3.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Knuth by specifically providing a display to visually display the stream of characters in real time and concurrently with the audible signals being enunciated; one or more matching networks to reroute and forward the audible signals from the apparatus to a speaker in an alternative communication device, as taught by Clapper, for the purpose of providing notification of an incoming call.

Regarding **claim 2**, Knuth and Clapper discloses everything claimed as applied above (see claim 1), in addition, Knuth discloses wherein the information is inherently transmitted and received during an interval between ringing signals transmitted over the network, wherein one of ordinary skill in the art would have recognized that the caller ID information is transmitted from the central office during the interval between ringing signals.

Regarding **claim 3**, Knuth and Clapper discloses everything claimed as applied above (see claim 1), in addition, Knuth further discloses an inherent buffer which reads on claimed “memory circuit”, in communication with the receiver for storing the information, as one of ordinary skill in the art would have recognized that communication is not instantaneous thus the signal are buffered during the process.

Regarding **claim 4**, Knuth and Clapper discloses everything claimed as applied above (see claim 1), in addition, Knuth discloses a caller ID detector (12), which reads on claimed “demodulator” for demodulating the modulated signal received from the

network and generating therefrom a stream of characters representative of the information, as disclosed at column 4, lines 11-34 and exhibited in figures 1 and 2.

Regarding **claim 5**, Knuth and Clapper discloses everything claimed as applied above (see claim 1), in addition, Knuth discloses a processor (16) for converting the modulated signal into a stream of characters representative of the information, as disclosed at column 4, lines 22-34 and exhibited in figures 1 and 2.

Regarding **claim 6**, Knuth and Clapper discloses everything claimed as applied above (see claim 1), in addition, Knuth discloses an inherent buffer which reads on claimed "memory circuit" in communication with the processor, wherein the processor stores the character stream in the inherent buffer prior to transmission to the speech synthesizer.

Regarding **claim 7**, Knuth and Clapper discloses everything claimed as applied above (see claim 1), in addition, Knuth discloses wherein the modulated signal includes information identifying an originating telephone subscriber line, the information including the originating telephone number according to a directory listing, as disclosed at column 4, lines 55-65.

Regarding **claims 8-25, 32 and 39-45** and interpreted and thus rejected for the reasons set forth above in the rejection of claims 1-6.

Art Unit: 2646

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jefferey F. Harold whose telephone number is 571-272-7519. The examiner can normally be reached on Monday - Friday 9 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sinh H. Tran can be reached on 571-272-7564. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Jefferey F. Harold
Primary Examiner
Art Unit 2646



JFH

September 21, 2005